

FIG. 1A

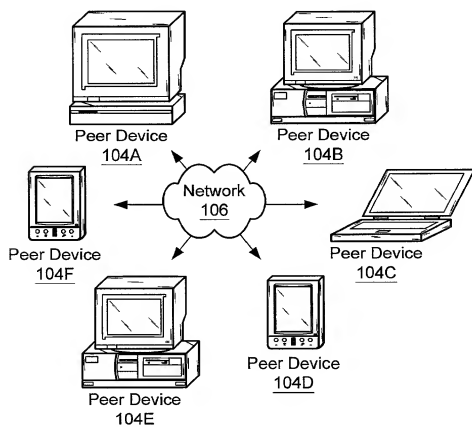


FIG. 1B

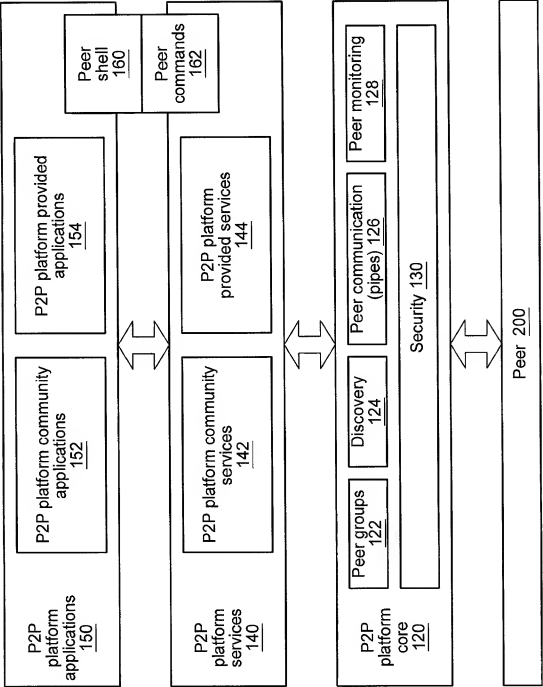


FIG. 2

|             |                               |             |
|-------------|-------------------------------|-------------|
| UUID<br>170 | Length of<br>Remainder<br>172 | Name<br>174 |
|-------------|-------------------------------|-------------|

FIG. 3

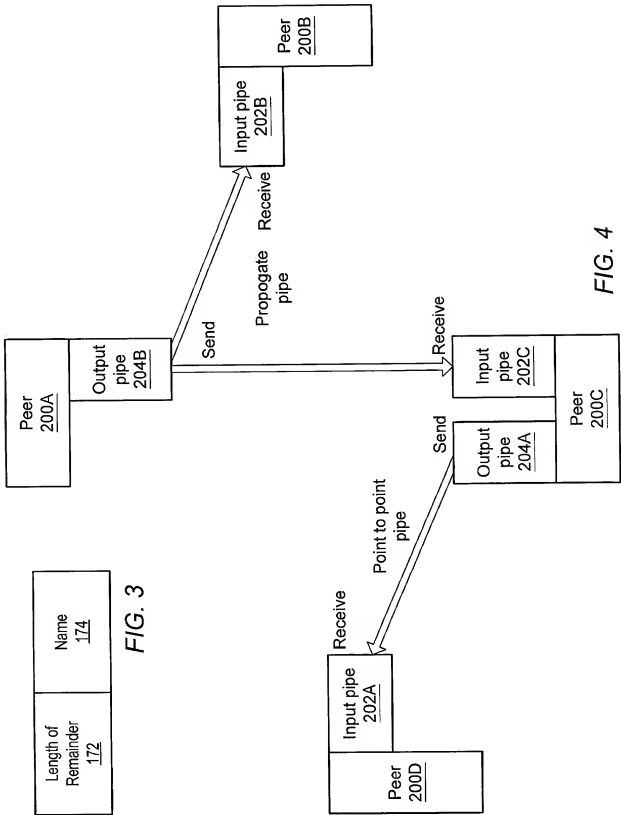


FIG. 4

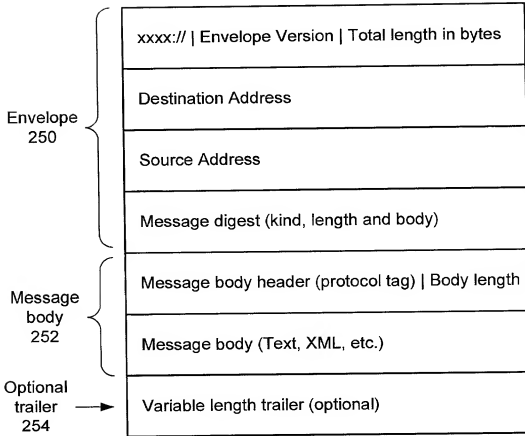


FIG. 5

| Element Name (A String) | Element Value Type                    |
|-------------------------|---------------------------------------|
| Name                    | <String>                              |
| Keywords                | <String>                              |
| Properties              | <Properties>                          |
| Service                 | <Service Advertisement[]> (an array)  |
| Endpoint                | <Endpoint Advertisement[]> (an array) |

FIG. 6

| Element Name (A String) | Element Value Type                   |
|-------------------------|--------------------------------------|
| Name                    | <String>                             |
| Keywords                | <String>                             |
| GroupID                 | <ID>                                 |
| PeerID                  | <ID>                                 |
| Service                 | <Service Advertisement[]> (an array) |

FIG. 7

| Element Name (A String) | Element Value Type |
|-------------------------|--------------------|
| Name                    | <String>           |
| Identifier              | <ID>               |
| Type                    | <String>           |

FIG. 8

| Element Name (A String) | Element Value Type    |
|-------------------------|-----------------------|
| Name                    | <String>              |
| Keywords                | <String>              |
| Identifier              | <ID>                  |
| Version                 | <String>              |
| Pipe                    | <PipeAdvertisement>   |
| Params                  | <String>              |
| URI                     | <String>              |
| Provider                | <String>              |
| Access Method           | <Method[]> (an array) |

FIG. 9

| Element Name (A String) | Element Value Type |
|-------------------------|--------------------|
| Mime-Type (Optional)    | <String>           |
| Size                    | Long               |
| Encoding                | <String>           |
| ContentID               | <ID>               |
| RefID (Optional)        | <ID>               |
| Document                | <Document>         |

FIG. 10

| Element Name (A String) | Element Value Type        |
|-------------------------|---------------------------|
| Name                    | <String>                  |
| Keywords                | <String>                  |
| Address                 | <String>                  |
| Transport               | <Transport Advertisement> |

FIG. 11

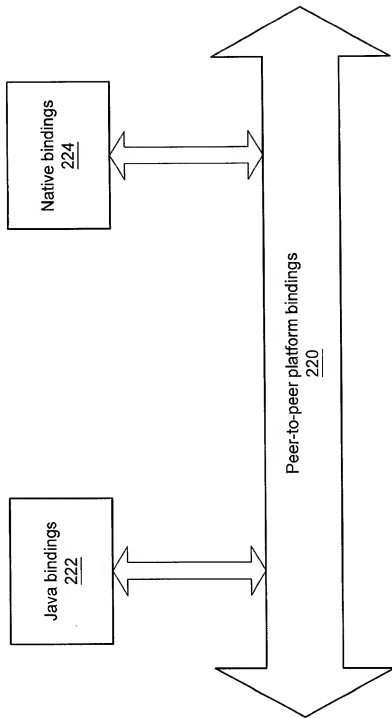


FIG. 12



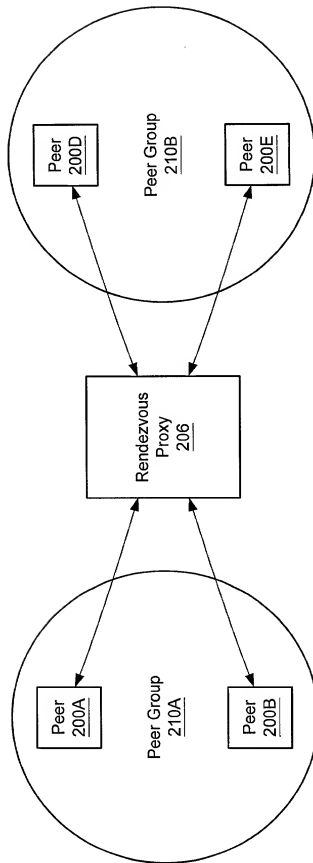


FIG. 13

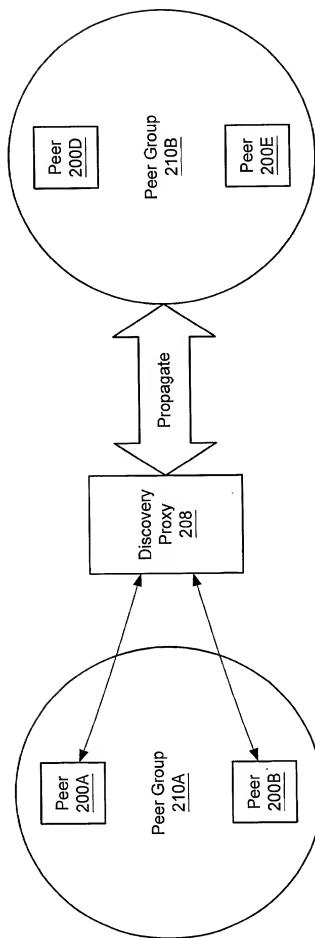


FIG. 14

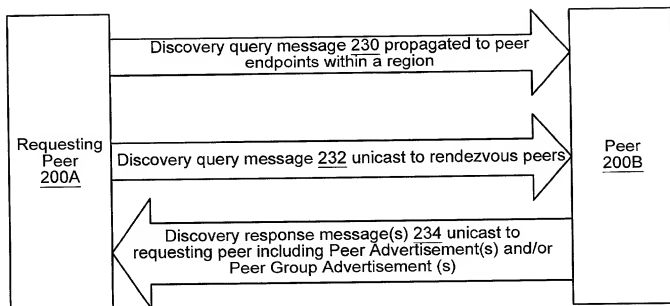


FIG. 15

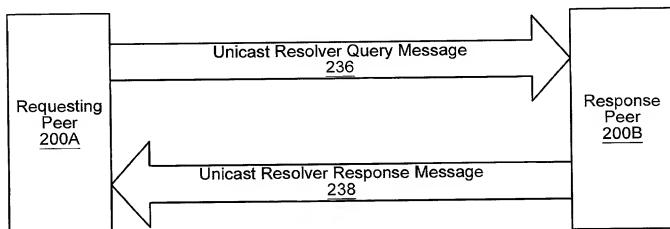


FIG. 16

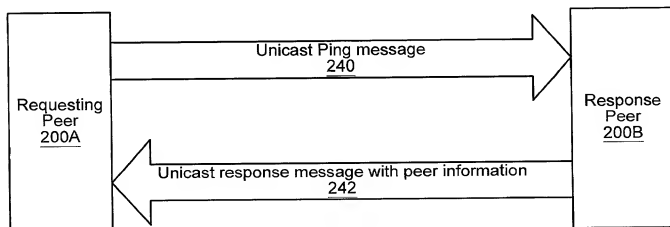


FIG. 17

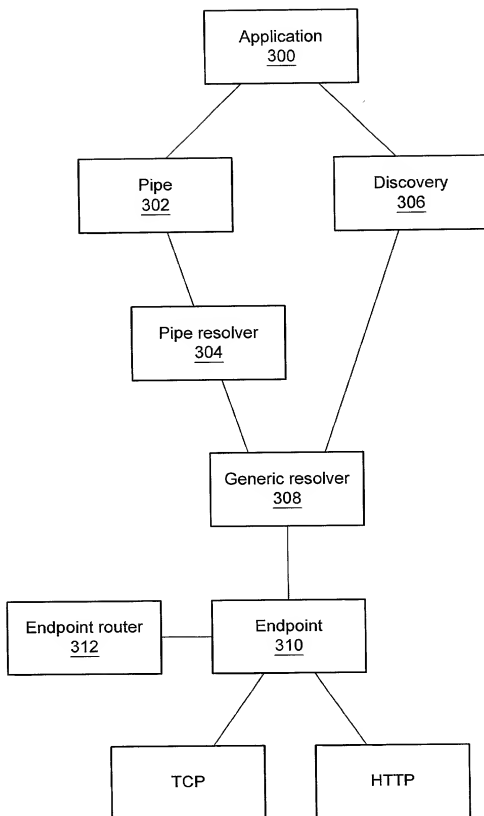


FIG. 18

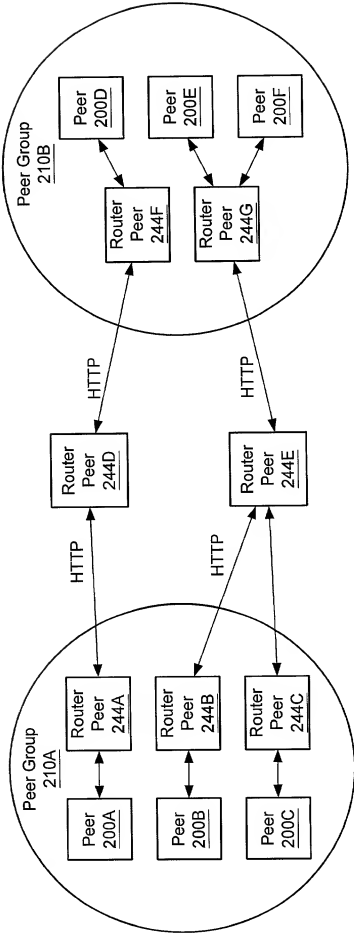


FIG. 19

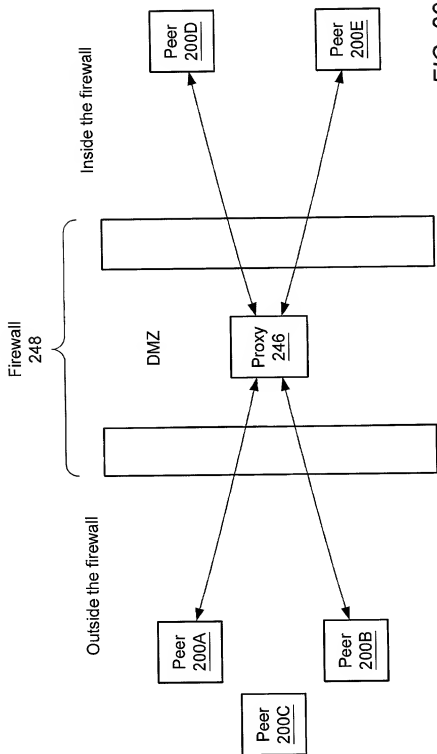


FIG. 20

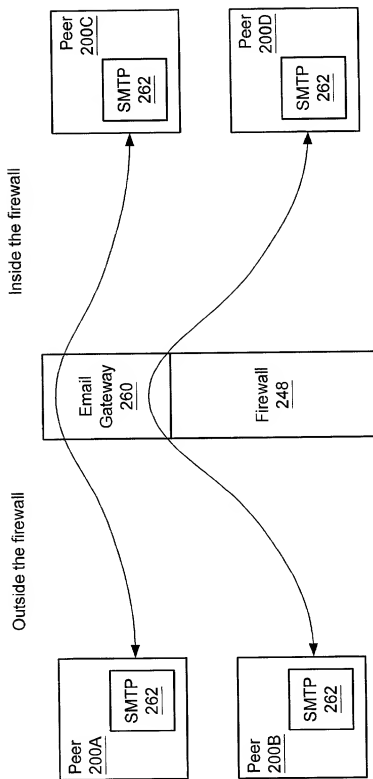


FIG. 21

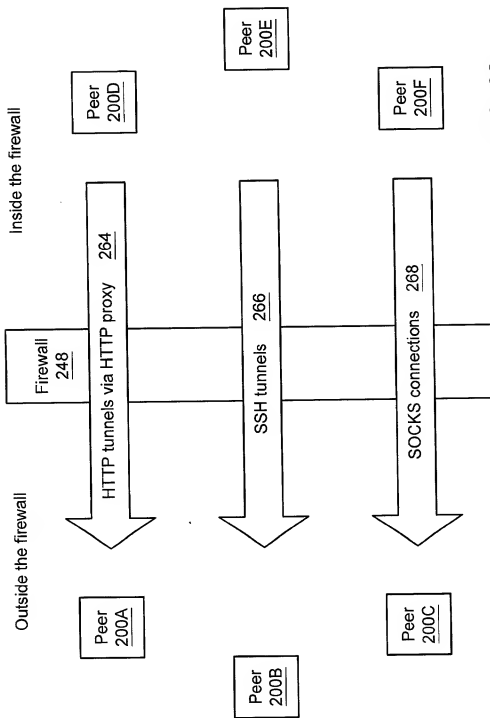
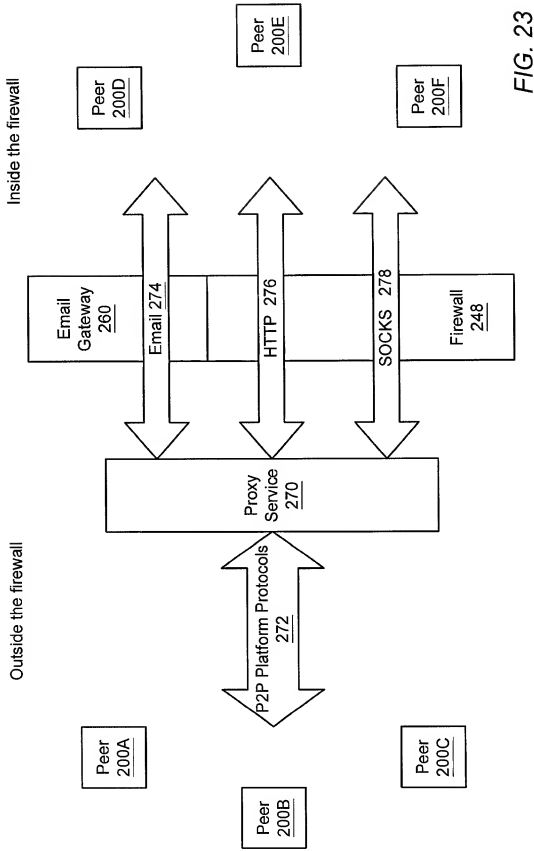


FIG. 22





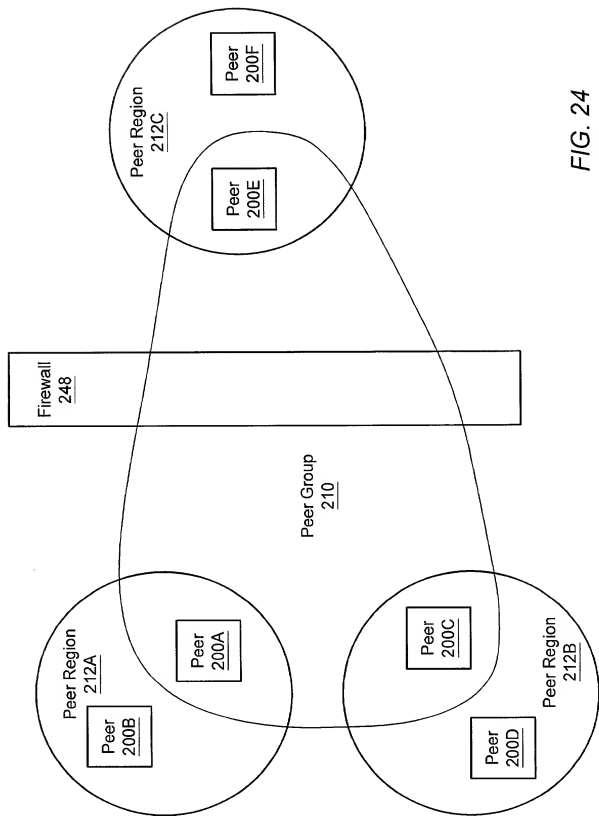


FIG. 24

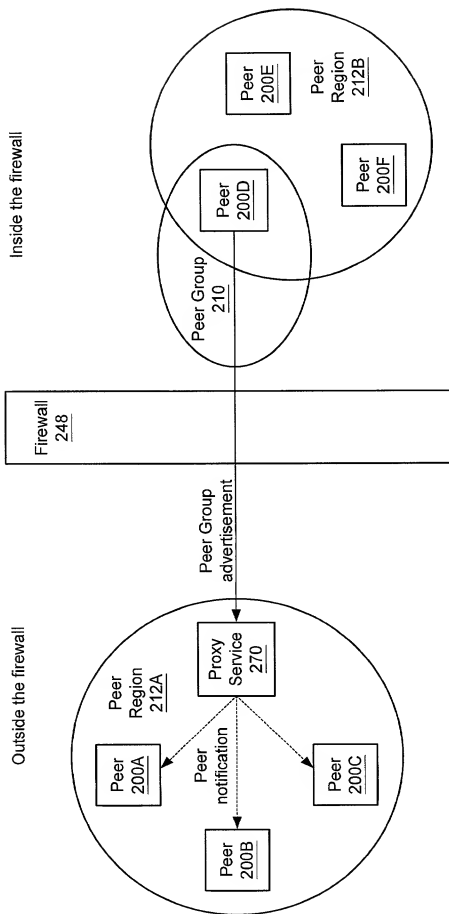
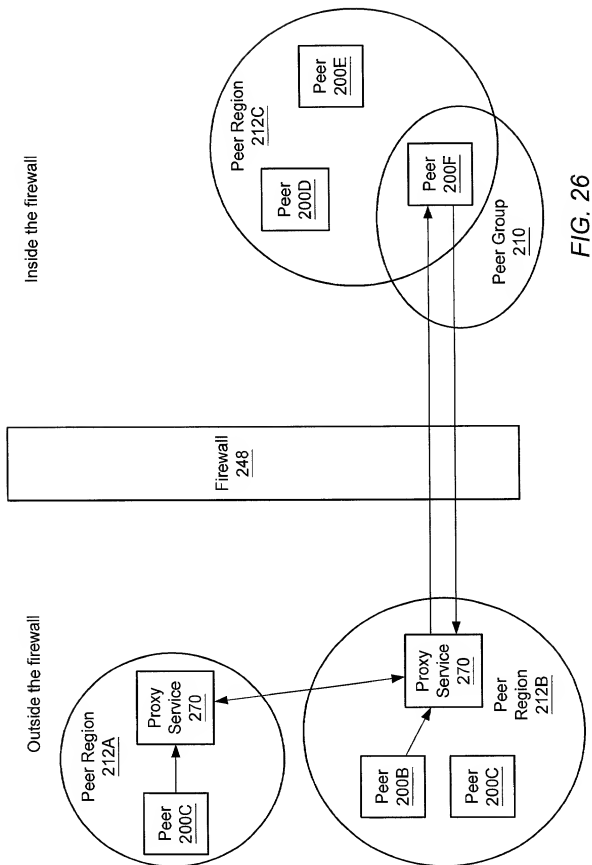


FIG. 25



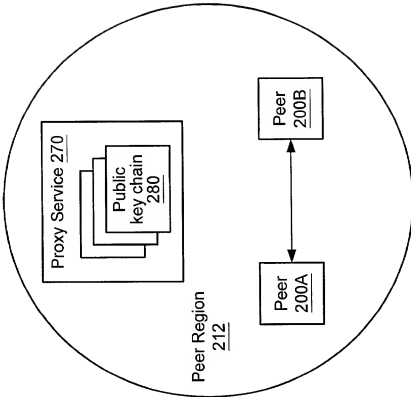


FIG. 27B

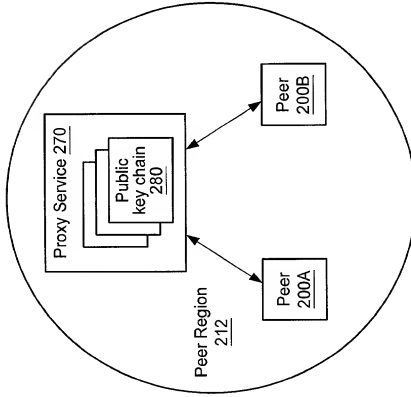


FIG. 27A

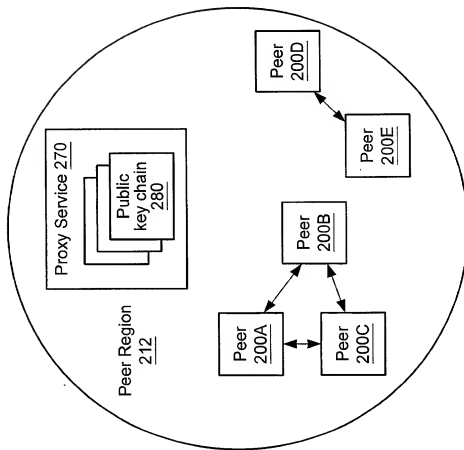


FIG. 28B

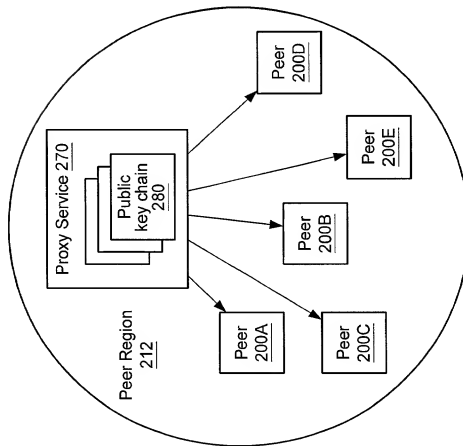


FIG. 28A

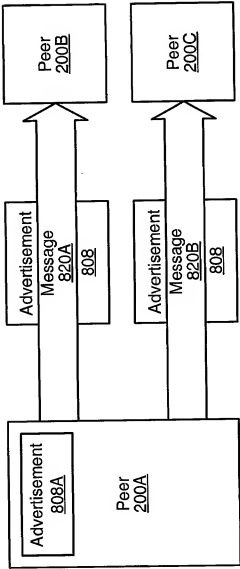


FIG. 29A

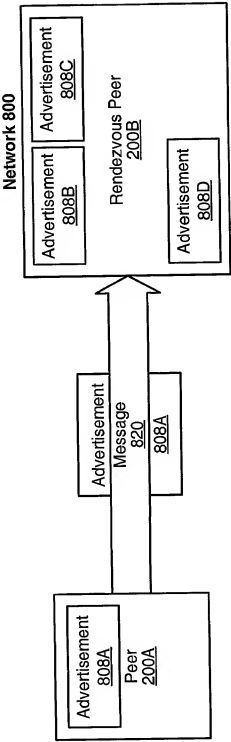


FIG. 29B

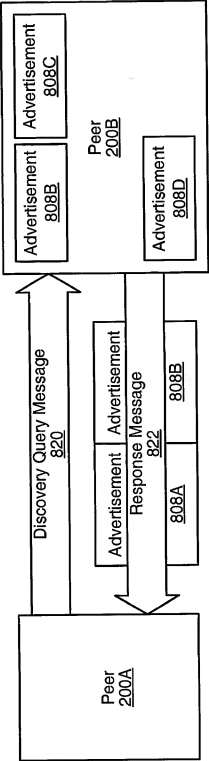


FIG. 30

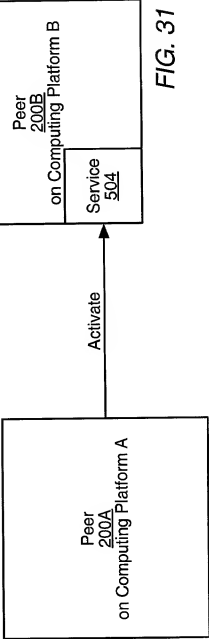


FIG. 31



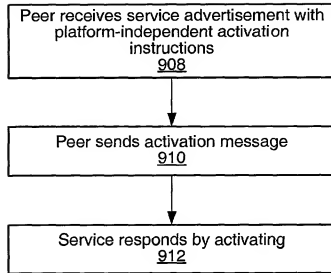


FIG. 32

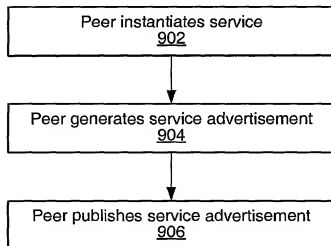


FIG. 33

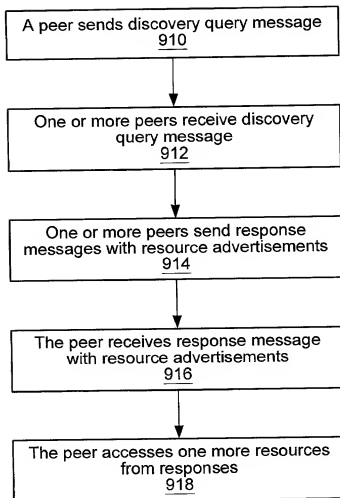


FIG. 34

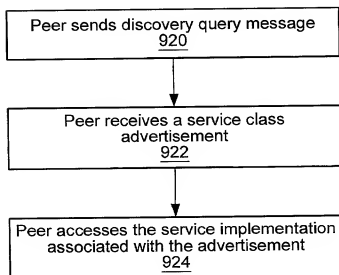


FIG. 35